MULTI-CD CONTROL FM/MW/LW
TUNER DECK AMPLIFIER

AMPLIFICATEUR PLATINE DE
SYNTONISATION FM/PO/GO
DE COMMANDE MULTI-CD

OWNER'S MANUAL
MODE D'EMPLOI

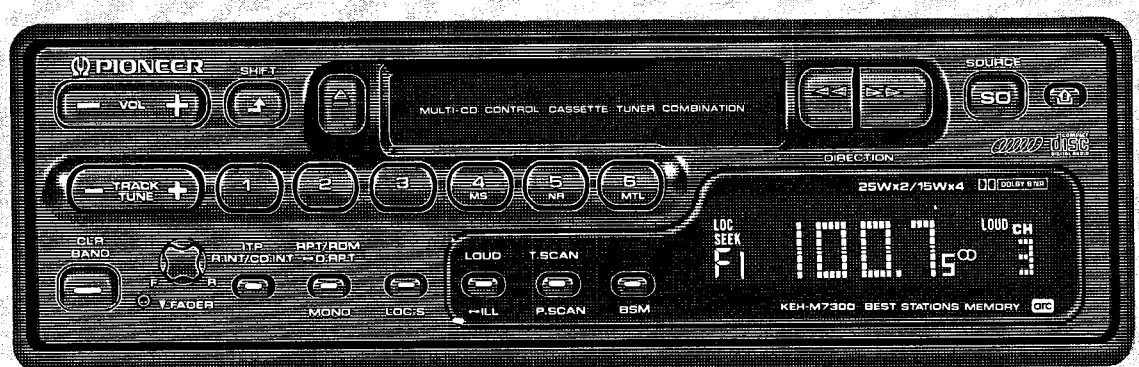
Thank you for purchasing this PIONEER product. Before attempting operation, be sure to read this manual.

Nous vous remercions d'avoir acheté cet appareil PIONEER. Avant de l'utiliser, prendre soin de lire ce manuel.

Vielen Dank für den Kauf dieses PIONEER Produkts. Diese Bedienungsanleitung vor der Inbetriebnahme sorgfältig durchlesen.

Muchas gracias por la adquisición de este producto PIONEER. Antes de tratar de operarlo, lea atentamente este manual.

Muito obrigado por comprar este produto PIONEER. Leia este manual de instruções completamente antes de usar a unidade.



PIONEER®

The Art of Entertainment

KEH-M7300
KEH-M6300

Features

• **Electronic Tuner**
Frequency allocation differs depending upon the area. This unit has been designed in accordance with the frequency allocations for Western Europe, Asia, the Middle and Near East, Africa, Australia and Oceania. Use in other areas may result in improper reception of AM.

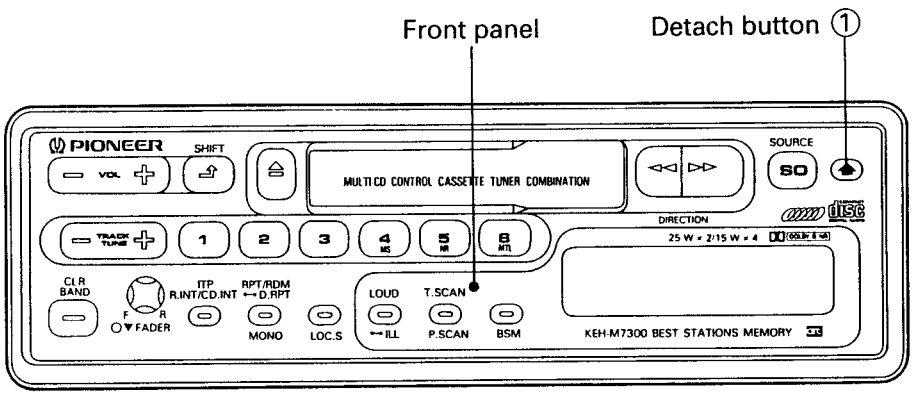
- Multi CD Control function for full control over optional magazine type multi-play CD player.
- Built-in highly sensitive "Automatic Reception Control" (ARC) for automatic control of stereo separation, muting, and frequency characteristics to match the strength of the FM signal.
- The Best Stations Memory automatically memorizes the six best (strongest) stations in the six preset button in the order of their strength.
- Auto reverse function eliminates the need to turn the cassette over and allows uninterrupted playback.
- Built-in Dolby B NR for reduced tape hiss.
- Radio/CD intercept allows uninterrupted reception during tape's Fast Forwarding/Rewinding.
- A selectable dual fader with a preout terminal allows you to choose from a 2-speaker system to either 4 or a maximum 6-speaker system.
  (This feature is provided for the KEH-M7300.)
- 25W x 2 maximum output for sound with power to spare. Combination with separately available power amp unit allows configuration of a powerful 4-speaker system.
  (This feature is provided for the KEH-M6300.)
- Removable front panel protects against theft.
- Dolby noise reduction manufactured under license from Dolby Laboratories Licensing Corporation.
  "DOLBY" and the double-D symbol ◻◻ are trademarks of Dolby Laboratories Licensing Corporation.

Using the Removable Front Panel

The front panel of this unit can be removed to prevent theft.

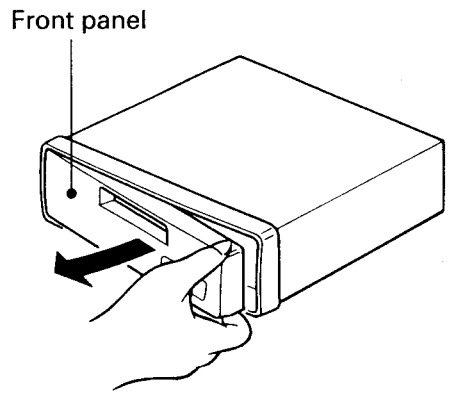
Detaching the Front Panel

1. Press button ①, and the right-hand side of the panel will eject.



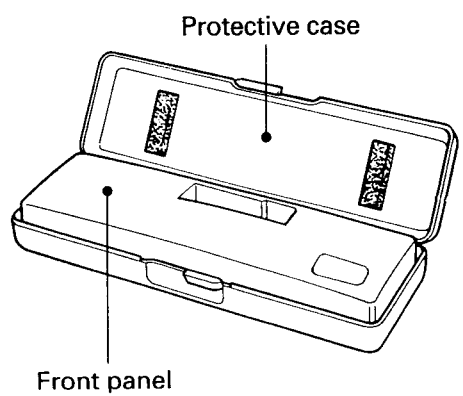
KEH-M7300

2. To remove the front panel, pull its right-hand side toward you.



- Take care not to put pressure on the display or drop the front panel.

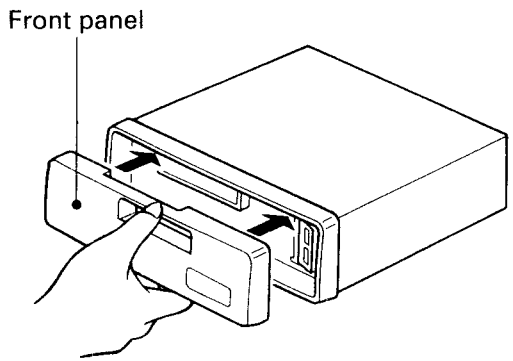
3. Enclose for safekeeping the front panel that is removed in the supplied protective case.



Replacing the Front Panel

Push the front panel into the main body.

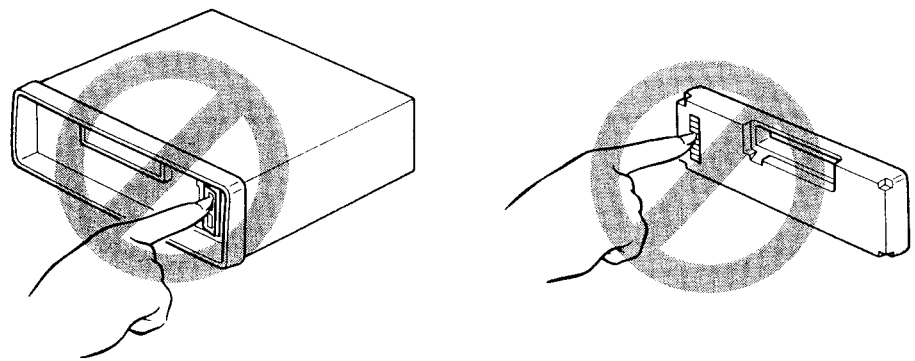
- When replacing the front panel, do not put pressure on the display or control buttons.



- Note that if the front panel is not attached correctly, pushing button ① may not release the panel, and the other control buttons may not function.

Precautions

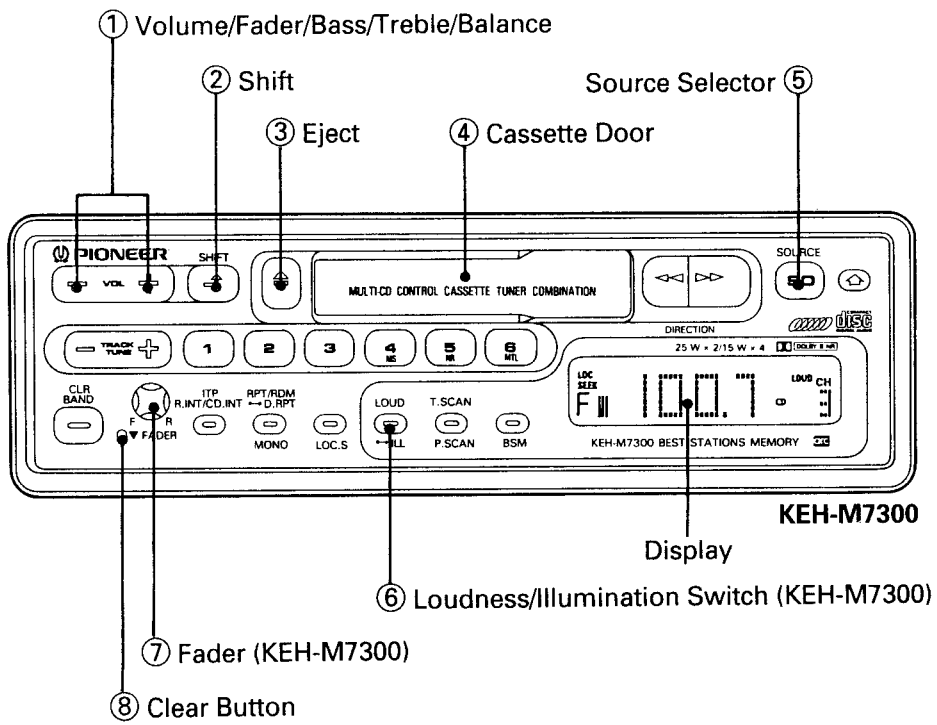
- Do not touch the contacts on the front panel or on the unit body, since this may result in poor electrical contact. If dirt or other foreign substances get on the contacts, wipe them with a clean, dry cloth.



Precautions When Handling the Front Panel

- Do not leave the front panel in any area exposed to high temperatures or direct sunlight.
- Do not drop the front panel or otherwise subject it to strong impact.
- Do not allow such volatile agents as benzine, thinner, or insecticides to come into contact with the surface of the front panel.
- Never try to disassemble the front panel.

Adjusting Volume and Tone



Using the Clear Button

Once all wiring is complete, press button ⑧ with a thin, pointed object. Though not a normal occurrence, the microprocessor which controls the operation of this unit can be affected by electrostatic noise. This generally is indicated by such symptoms as no power being supplied when you switch the unit on, failure of buttons and controls, or an abnormal display. Should this happen, press button ⑧ with a thin, pointed object to reset the microprocessor.

Switching Power On

Radio

Press button ⑤ to switch the tuner power on. Press button ⑤ again to switch the power off.

Tape

Insert the cassette tape through the Cassette Door ④, and the power will be automatically turned on to get the tape start being played back. To eject the tape, press the button ③.

Changing the Source

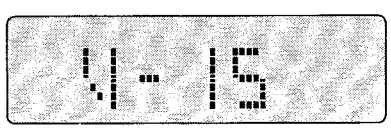
When the cassette tape is inserted, the source changes at each press of the button ⑤: Tape → Radio → OFF. When a Multi-Play CD player — optionally available Multi-Play CD Player CDX-M40, for example — is connected to your unit, the source changes: Multi-Play CD Player → Tape → Radio → OFF.

Adjusting Volume/Fader/Bass/Treble/Balance

To adjust volume, press the button ①. The display changes at each press of the button ②: Volume → Fader → Bass → Treble → Balance. Press the button ① to adjust the displayed mode.

Adjusting Volume

Pressing the (+) side of button ① increases the volume, while the (–) side decreases it.



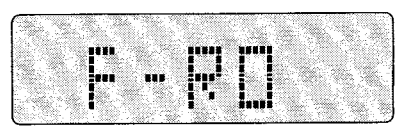
Adjusting the Fader

KEH-M6300:

This function controls the balance between the front and rear speakers of a 4-speaker system. Pressing the (–) side of button ① shifts the balance to the front speakers, while the (+) side shifts it to the rear speakers. In the case of a 2-speaker system, set the display to **"F-R0"** (or **"F–F0"**).

KEH-M7300:

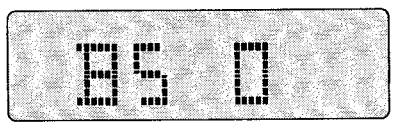
This faber controls the balance between speakers [1] and [2], and speakers [3], which are shown in Figure 1 on page 8. Press the (–) side of button ① to raise the volume of speakers [1] and [2] only; press the (+) side to raise the volume of speakers [3] only.



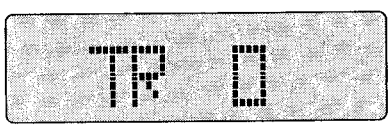
Note:

- The KEH-M7300 has two faders: the electronic preamp fader and the power fader controlled by fader control knob ⑦. The use of both faders depend on the way the speakers are connected. For detailes, see "Using the Fader" on page 8.

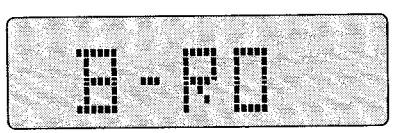
Adjusting Bass
Pressing the (+) side of button ① increases bass, while the (–) side decreases bass.



Adjusting Treble
Pressing the (+) side of button ① increases treble, while the (–) side decreases treble.



Adjusting Balance
Pressing the (–) side of button ① shifts the balance to the left speaker, while the (+) side shifts it to the right speaker.



- When you're adjusting fader, bass, treble or balance settings, the indicator will stop at the center setting. About 5 seconds after adjustment has been made, the display returns to its previous state.

Using the Loudness Function
Press button ⑥ and the **"LOUD"** indicator will appear on the display. This "loudness" function enhances both the high and low ranges of sound to give even more power to output even at low volumes.

Switching Illumination Color (KEH-M7300)
You can select either green or amber for the switch illumination color. To switch the color, hold down button ⑥ for two seconds.

Using the Fader (KEH-M7300)

The unit is provided with two faders: the electronic preamp fader controlled by buttons ① and ②, and the power fader controlled by fader control knob ⑦.

Electronic preamp fader ①, ② controls the balance between speakers [1] and [2], and speakers [3] as shown in Figure 1, (See "Ajusting the Fader" on page 6.)

Power fader ⑦ controls the balance between speakers [1] and speakers [2], as shown in Figure 1.

Pressing knob ⑦ inward, turn it to the right to raise the volume of speakers [2] only, or turn it to the left to raise the volume of speakers [1] only.

- The use of both faders depend on the way the speakers are connected. For details, refer to the next section, "Speaker Connections and the Use of Both Faders."

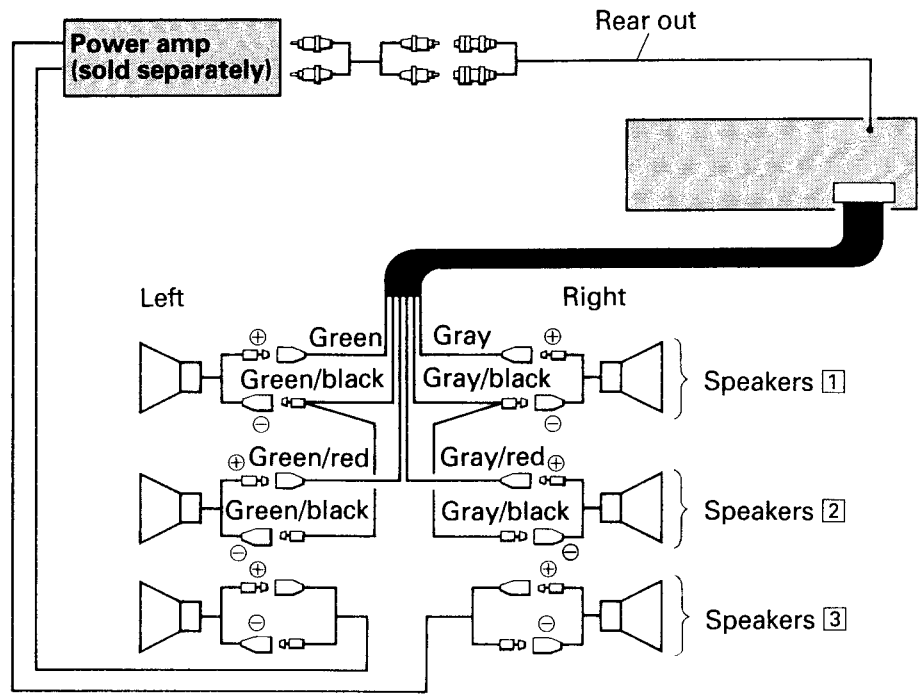
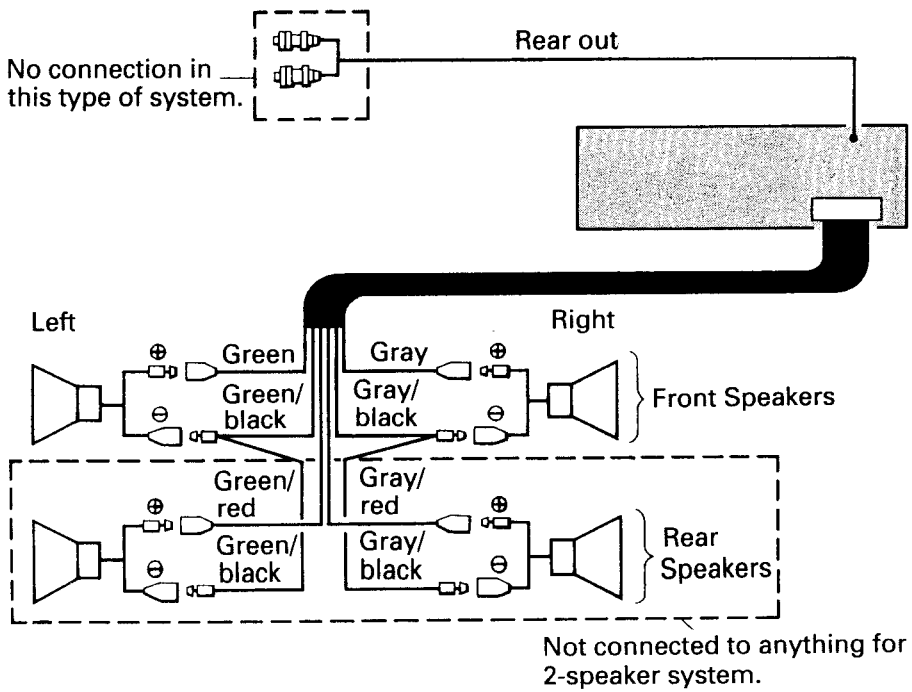


Fig.1

Speaker Connections and the Use of Both Faders

Example 1: 2/4-speaker system (1)



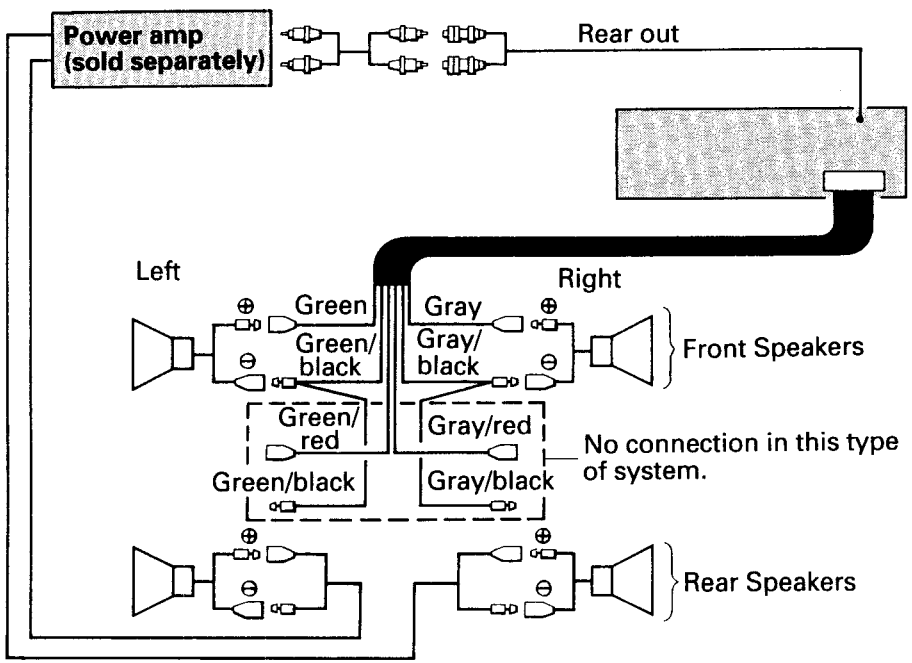
2-speaker system

Electronic preamp fader ①, ②:
Set to **"F-R0"** (or **"F-F0"**).
Power fader ⑦:
Set to the center position. (A click is felt when the knob reaches the center position.)

4-speaker system (1)

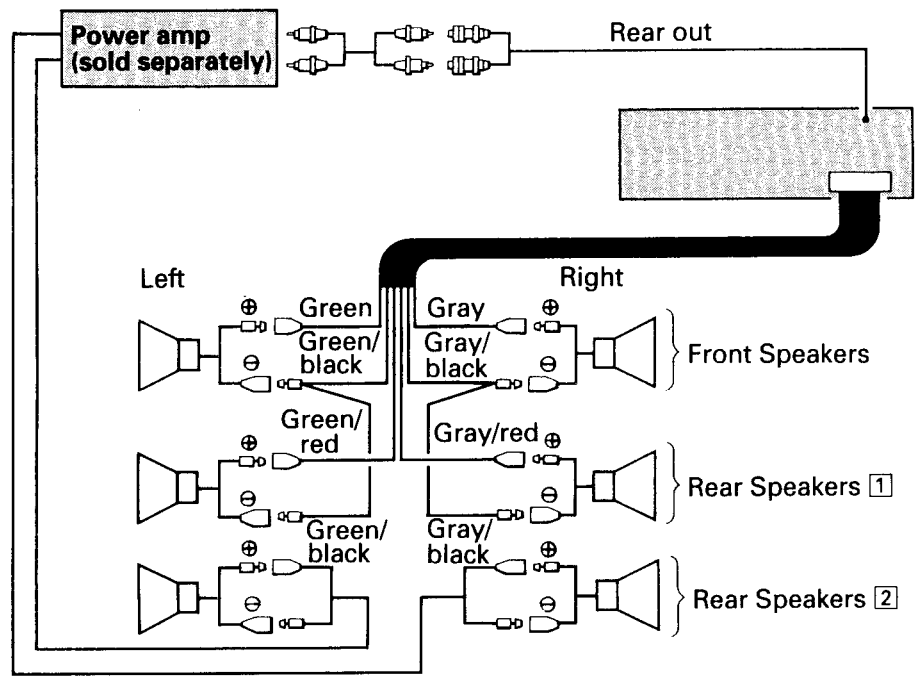
Electronic preamp fader ①, ②:
Set to **"F-R0"** (or **"F-F0"**).
Power fader ⑦:
Controls the balance between the front and rear speakers.

Example 2: 4-speaker system (2)



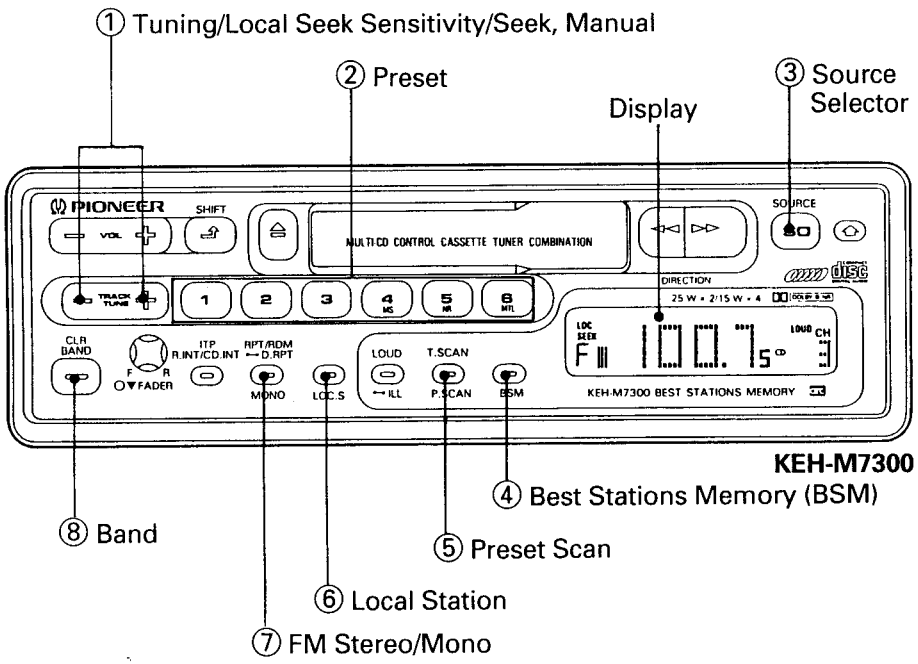
Electronic preamp fader ①, ②:
Controls the balance between the front and rear speakers.
Power fader ⑦:
Set to the center position. (A click is felt when the knob reaches the center position.)

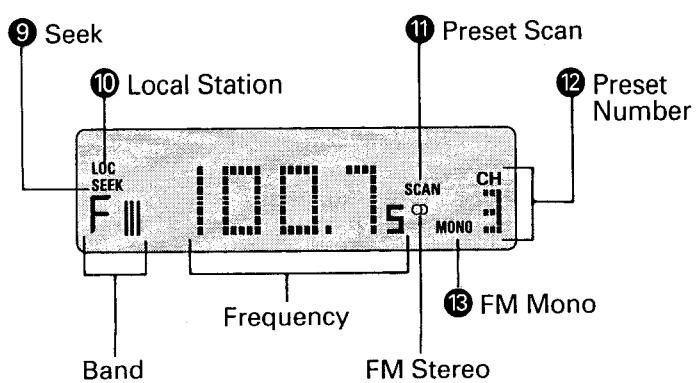
Example 3: 6-speaker system



Electronic preamp fader ①, ②:
Controls the balance between the front and rear speakers 1, and rear speakers 2.
Power fader ⑦:
Controls the balance between front and rear speakers 1.

Using the Radio





1 Press button ③ to switch the radio power on.

2 Press button ⑧ to select a band.

F I → F II → F III → M/L
(FM1) (FM2) (FM3) (MW/LW)
Use Button ① to switch betwen MW (531–1,602 kHz) and LW (153-281 kHz).

3 Use seek tuning to tune in a frequency.
Confirm that the SEEK indicator ❾ is shown on the display (if not, press the (+) and (–) sides of button ① at the same time). Press the (+) side of button ① to automatically tune in the next higher receivable frequency, and the (–) side for a lower frequency.

4 Adjust volume and tone (see page 6).

5 Assign the tuned frequency to one of the buttons in Bank ② (preset memory).
Press and hold down one of the button in Bank ② for at least two seconds. The frequency is assigned to the selected button when the preset number ⓬ stops flashing on the display. Up to 18 FM stations (6 each for FM1, FM2 and FM3), and six MW/LW stations can be assigned to the preset memory buttons in Bank ②.

6 Once a frequency is assigned to a button in Bank ②, you just need to press that button to tune it in.
This also causes the number of the button pressed to appear at position ⓬ on the display.

Preset Scan Tuning

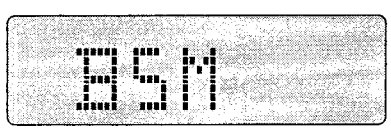
This function lets you automatically monitor the stations assigned to the preset buttons.

1. Press the button ⑤, and **"SCAN"** ⓫ will light up and the preset number ⓬ flash.
   Each station assigned to the buttons in Bank ② will be automatically tuned in for about eight seconds.
2. When you hear a station that you like, press button ⑤ again to cancel preset scan tuning and remain at that station.

BSM (Best Stations Memory)

This function automatically locates stronger stations and automatically assigns their frequencies to the buttons in Bank ②, from strongest to weakest. It comes in handy when trying to find local stations while driving.

1. Press button ⑧ and select a band.
2. Hold down button ④. After about two seconds, a "beep" will sound to signal that the BSM search has started. At this time, **"BSM"** will flash on the display.



3. The frequency display will return once BSM search is complete, and frequencies are assigned to buttons 1 through 6 in Bank ②.

- At the end of the BSM search, the displayed frequency is that assigned to button [1] of Bank ②.
- If there are fewer than six strong stations in the area, some of the buttons in Bank ② will not be assigned frequencies, so they will retain any frequencies assigned to them previously.
- BSM search may take as long as 30 seconds in areas where there are few strong stations.
- You can cancel BSM search by pressing button ④.

Manual Tuning

Use manual tuning when stations are too weak to be picked up by seek tuning.

1. Press both (+) and (–) sides of button ① at the same time to clear **"SEEK"** ❾.
2. Each press of the (+) side of button ① increases the frequency in 50 kHz steps in the FM band, 9 kHz in the MW band and 1 kHz in the LW band. Pressing the (–) side of button ① decreases the frequency. Holding down either side of button ① changes the frequency at high speed.

Switching between FM Stereo and Mono

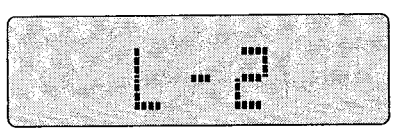
Generally, it is best to allow the ARC (Automatic Reception Control) function to automatically set the optimum listening conditions. When there is a large amount of noise, you can press button ⑦ for clearer mono reception (**"MONO"** ⑬ will appear on the display).

Adjusting Seek Sensitivity

The seek tuning function of this tuner lets you select between a local setting for reception of strong stations only, and a DX (distant) setting for reception of weaker stations. The local setting also has four seek tuning sensitivity levels for FM and two levels for MW/LW to match local conditions.

Changing the Local Seek Sensitivity

1. Use button ⑧ to select a band.
2. Hold down the button ⑥ for more than two seconds, and the display will show you the current local seek sensitivity for about five seconds.



(Example: L-2)

3. While the local seek sensitivity remains on the display, press the (+) side of button ① to increase the sensitivity level, and the (–) side to decrease the level as shown below.
   FM : L-1 ⇄ L-2 ⇄ L-3 ⇄ L-4
   MW/LW: L-1 ⇄ L-2

The L-4 setting allows reception of only the strongest stations, while lower settings let you receive progressively weaker stations.

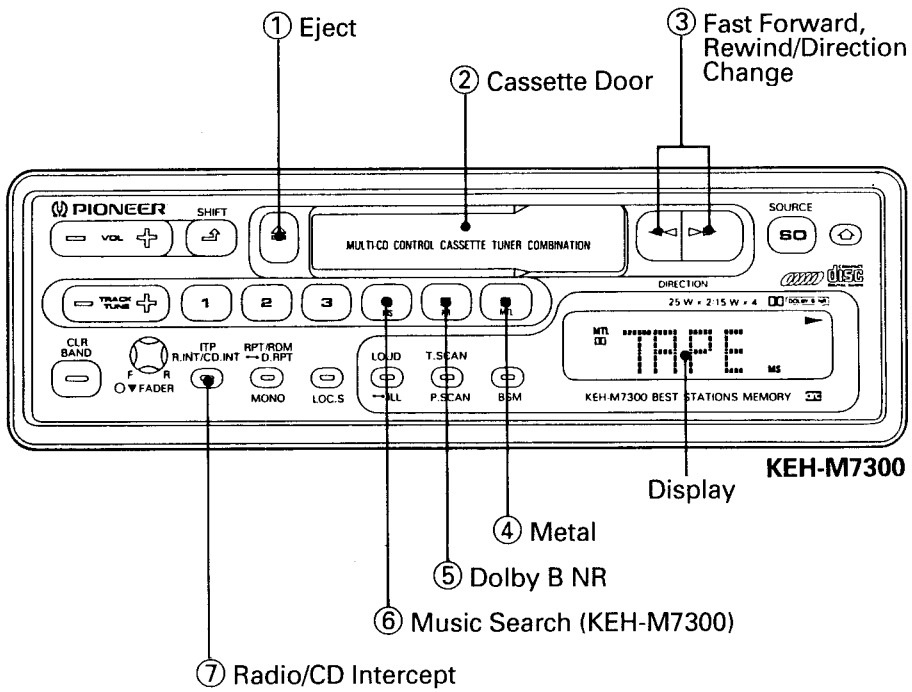
- The display of local seek sensitivity returns to the frequency when about five seconds have elapsed after the change of sensitivity.

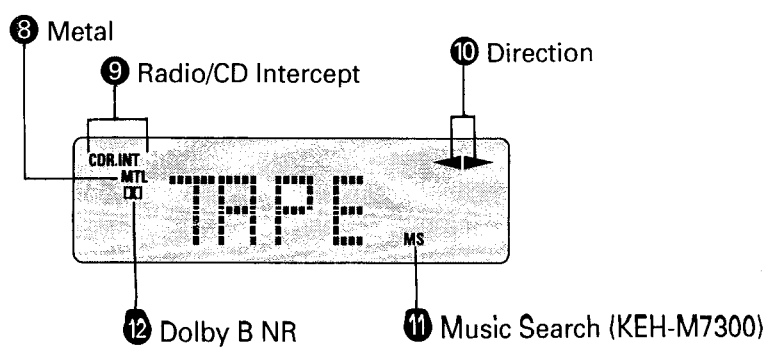
Switching between Local and DX

Press button ⑥ to switch between Local and DX (distant) seek tuning.

When **"LOC"** ⑩ is shown on the display, seek tuning is performed with the local seek sensitivity. Otherwise, seek tuning is performed with the DX seek sensitivity.

Using the Tape Deck





1 Insert the cassette tape into the slot ②, and power will be turned on and the tape begin being played back.
At this time, the tape running direction indicator ⑩ will light up.

2 Adjust volume and tone (see page 6.)

3 To eject the cassette tape, press the button ①.

- A loose or warped label on a cassette tape may interfere with the eject mechanism of the unit or cause the cassette to become jammed in the unit. Avoid using such tapes or remove such labels from the cassette before attempting use.
- Do not try to eject the cassette immediately after insertion, as it will cause malfunction. Wait a few seconds.

Changing Program

Push the fast forward and rewind buttons ③ together to switch from one side of the tape to the other (from Side A to Side B or vice versa).

Using Fast Forward and Rewind

Since the transport can be in either direction, both the left and right high-speed tape transport buttons ③ can be regard as fast forward/rewind buttons.
For fast forward, press the high-speed tape transport button ③ that corresponds to the direction that is shown by the direction indicator ⑩.
When the end of the tape is reached, playback will automatically begin from the opposite side of the tape (Auto-reverse).
For rewind, press the button ③ that is opposite that of the direction shown by the direction indicator ⑩. When the end of the tape is reached, playback will automatically begin from the beginning of the same side of the tape (Auto-replay).
Fast forward and rewind can be terminated by pressing the respective opposite high-speed tape transport button ③.

Using Music Search (KEH-M7300)

Returning to the beginning of selection A

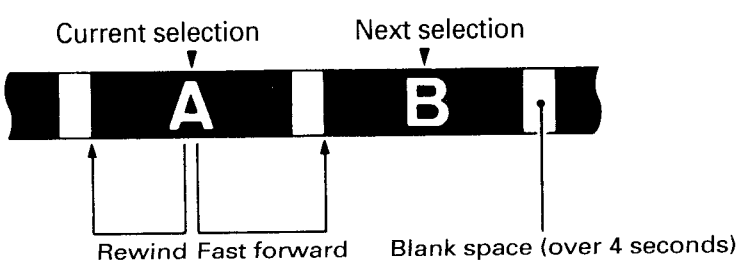
Press the button ⑥ (**"MS"** ⓫ appears) and then the high-speed tape transport button ③ for the direction opposite that is shown by the direction indicator ⓾. Playback will automatically start from the beginning of selection A.

Moving from selection A to selection B

Press the button ⑥ (**"MS"** ⓫ appears) and then the high-speed tape transport button ③ that corresponds to the direction shown by the direction indicator ⓾. Playback will automatically start from the beginning of selection B.

To enable regular fast forward/rewind operations, press the button ⑥ again (**"MS"** ⓫ turns off) to turn the function OFF. The following errors will cause the music search function to operate improperly, even though the unit is not malfunctioning.

- Unrecorded "blank" portions between selections less than 4 seconds → the blank portion cannot be detected by the unit.
- Pauses in recorded conversations longer than 4 seconds → the unit reads these as blanks between selections.
- Portions recorded at very low volume for more than 4 seconds → the unit reads these as blanks between selections.



Dolby B NR

To hear a tpae recorded using a Dolby NR system, press the button ⑤. ("DD" ⓬ appears).

Tape Selector

When using metal tapes and chrome tapes, press button ④. (**"MTL"** ❽ appears)

Using the Radio Intercept

(When the optional multi-play CD player is not connected)

Use the Radio Intercept function to hear radio while fast forwarding or rewinding.

1. Press button ⑦ (**"R.INT"** ❾ appears) before fast forwarding or rewinding to hear the radio.
2. To cancel the Radio Intercept function, press button ⑦ again.

- The Radio Intercept does not function when the Music Search function is in operation.

Using Radio/CD Intercept

(When the optinal multi-play CD player is connected)

Connecting the optional multi-play CD player adds a CD Intercept funtion along with the Radio Intercept function.

Each press of button ⑦ causes the mode to change as follows: Radio Intercept (**"R.INT"** ❾ appears) → CD Intercept (**"CD .INT"** ❾ appears) → Normal (❾ turns off)

When the Radio Intercept mode is on, the radio will be audible during fast forwarding or rewinding. When the CD Intercept mode is on, disc play will be audible during fast forwarding or rewinding.

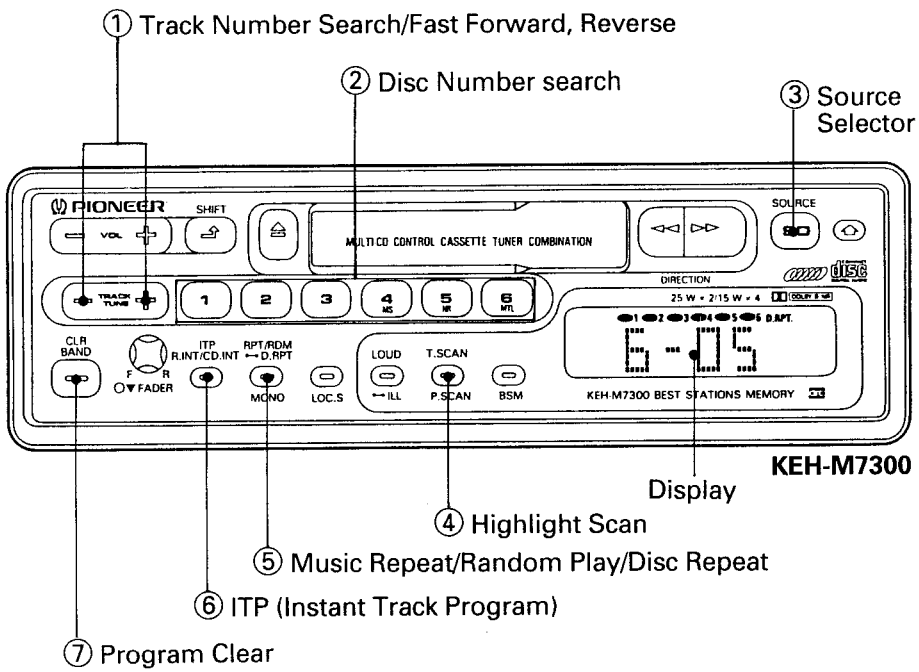
- Radio/CD Intercept does not function when the Music Search function is in operation.

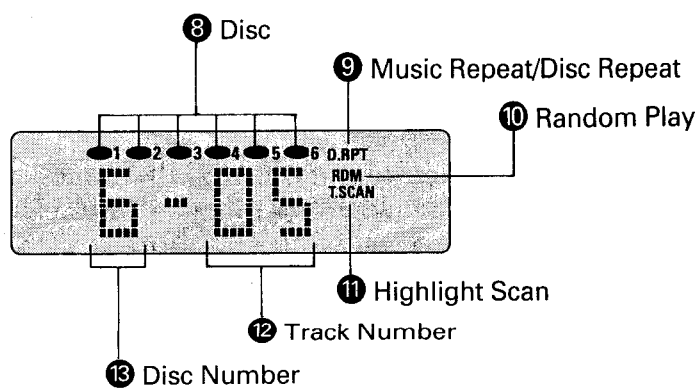
Precautions When Using the Multi-Play CD Control

- This model can be used as controller when an optionally available multi-play CD player (e.g., CDX-M40) is included in the system. Programmed play does not operate when used with the multi-CD player CDX-M70 or CDX-M100.
- See pages 17 through 21 for details on operation procedures.
- The Owner's Manual for the multi-play CD player does not contain an explanation of the CD controls for this unit. Read this Owner's Manual for details on proper operation and keep it handy for later reference.
- Immediately after the multi-play CD player is connected to the system, it may not operate properly (i.e. the system will not enter the multi-play CD player mode when you press the source selector button). In this case, press the clear button of the main unit and the clear button of the multi-play CD player, and attempt operation again.
- An Err (Err) indicator is shown on the display and operation of the system becomes impossible when there are no discs in the magazine or when the discs are loaded into the magazine with their labels facing upwards. Whenever this message appears, remove the disc magazine and check the discs.
- This indicator HHHHH flashes on the display and playback is automatically cut when the temperature around the multi-play CD player becomes too high. This protects the laser mechanism from serious damage. Listen to the radio unit the temperature returns to normal.
  (This functions only when your unit is used with a Multi-Play CD player CDX-M100.)

The Magazine Type Multi-Play CD players with mark and the Mazazines with the same mark are compatible for 5-inch (12 cm) discs.

Playing Compact Discs





1 Press button ③ to change the display to the Multi-Play CD player mode and to begin disc play.

Each press of button ③ changes the mode as follows:
Multi-Play CD player → Tape → tuner → OFF

2 Use the Disc Number Search function to select a disc.

Select the desired disc by pressing one of the buttons in Bank ②. The number of the disc selected appears at position ⓭ on the display.

- Display ❽ indicates whether the magazine is loaded or empty.
- If the number at position ⓭ on the display does not change when you press a button in Bank ②, it means that there is no disc loaded in that tray.

3 Use Track Number search to select a track.

Confirm that Track Number is shown at Position ⓬ on the display.
If not, press the (+) and (–) sides of button ① at the same time. Press the (+) side of button ① to increase the number at Position ⓬, or the (–) side to decrease the number. Holding either side of button ① down changes the track number at high speed.

4 Adjust volume and tone (see page 6).

5 To stop disc play, press button ③.

At another press, the normal play resumes from about where it stopped.

- If you stopped operating a Multi-Play CD Player CDX-M100 in the middle of music and then restarted, the player resumes playing from the very beginning of the selection with which you stopped.

ENGLISH

Note:

- After you press a button in Bank ②, it may take some time before play begins due to the time necessary to load and set the disc in the mechanism.
- The display counts down the number of seconds between tracks if the spacing is rather large (-02 , -01).

Using Highlight Scan

Highlight Scan is designed to enable you to conveniently scan all pieces of music contained in the disc by playing 10 seconds each at your designated point of time after the start of the music. The starting time of play is set at one minute in factory. Therefore, the Highlight Scan begins one minute after the start unless you designate it otherwise.
(This function does not operate when used with the CDX-M70 or CDX-M100.)
When you do not want to change the factory-set time:

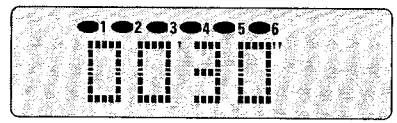
1. Press button ④ (**"T.SCAN"** ⓫ appears).
2. The contained pieces of music will be played in sequence for 10 seconds each one minute after the beginning.
3. Press button ④ again when your selected piece comes, and it will continue to play. At this point, the Highlight Scan discontinues to operate.

- The previous function automatically resumes when a piece of music with which Highlight Scan began returns.

Changing the starting time of Highlight Scan

When you want to set the starting time of the Highlight Scan to 30 seconds:

1. Press button ①, (+) and (–) sides simultaneously, and time numerals will be displayed.
2. Keep pressing either (+) or (–) side of button ① until the numerals reaches 30.



3. Hold down button ④ for two or more seconds, and **"T.SCAN"** ⓫ appears and the Highlight Scan will begin. 30 seconds after the start of the next piece of music.

- The starting time of Highlight Scan can be designated at ten or tens of seconds only. A tenth or tenths of seconds can be disregarded.
- If a piece of music ends before your designated point of time at which Highlight Scan starts, the scanning is performed for its beginning 10 seconds.
- If a piece of music lasts less than 10 seconds, so does the Highlight Scan.
- You may wish to change the starting time longer without suspending the function. You may do so, however, only to a relatively long-playing piece of music because, as a matter of course, the time cannot be set so as to come after the end of the music.

Using Track Scan

This function lets you scan through the tracks on a disc by playing only the first ten seconds of each track. (This function operates only when used with the CDX-M70 or CDX-M100.)

1. Press button ④ (**"T.SCAN"** ⓫ appears).
2. To cancel track scan and continue play at the current track, press button ④ again.

- After track scan plays through all of the tracks, disc play resumes from the beginning of the track from which track scan was started.

Using Disc Repeat, Music Repeat and Random Play

Each Press of button ⑤ causes the mode to change as follows:
Music Repeat (**"RPT"** ❾ appears) → Random Play (**"RDM"** ❿ appears) → Normal
If button ⑤ is pressed for 2 or more seconds, the mode changes to Disc Repeat (**"D.RPT"** ❾ appears).

Music Repeat

1. To repeat the music you are listening to, select the repeat mode (**"RPT"** ❾ appears).
2. To cancel music repeat, press button ⑤ to turn off **"RPT"** ❾.

- When Disc Repeat or Music Repeat are not operational, the compact discs contained in the magazine will play sequentially from beginning to end, and then start from disc 1 again.

Random Play

1. To play music randomly, select the random play mode (**"RDM"** ❿ appears). Once the current track has been played, the microprocessor will randomly select the next and subsequent tracks.
2. To cancel random play, press button ⑤ to turn off **"RDM"** ❿.

- Since selections are played in random order, the same selection may be played twice in succession.
- When a Multi-Play CD Player CDX-M100 is used, random selection is made from a disc being played.

Disc Repeat

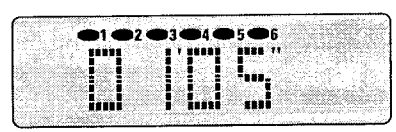
The Disc Repeat function causes the same disc to play repeatedly.

1. Press button ⑤ for 2 seconds or more while the desired disc is being played. The mode will change to Disc Repeat mode (**"D.RPT"** ❾ appears).
2. To cancel Disc Repeat, again, press button ⑤ for 2 seconds or more and turn off **"D.RPT"** at ❾.

- Even during Disc Repeat, the mode will change each time button ⑤ is pressed, in the following order:
  Music Repeat → Random Play → Normal.
- When Disc Repeat or Music Repeat are not operational, the compact discs contained in the magazine will play sequentially from beginning to end, and then start from disc 1 again.

Using Fast Forward and Reverse

1. Press simultaneously both (+) and (–) sides of the button ①. At this time the display will show the amount of elapsed disc play time.



2. Press the (+) side of button ① for fast forward, and the (–) side for reverse.

- Sound is output during fast forward and reverse operations.

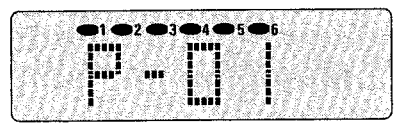
Using Program Play

This function lets you program the play sequence of all of the tracks contained on the compact discs loaded in the magazine.

- The ITP function will not operate when connected to either the CDX-M70 or CDX-M100.
- Up to 32 selections can be programmed for a single magazine.
- Up to 16 different magazines (max. 32 selections per magazine) can be programmed individually. If you program more than 16 magazines, old programs are automatically replaced by new ones.
- Automatic Magazine Program Selection (AMPS) retrieves the right program from the memory automatically, as soon as a preprogrammed magazine is loaded. Preprogrammed magazines are identified using the CD in the tray 1 of the magazine. Therefore be sure that tray 1 contains a disc.

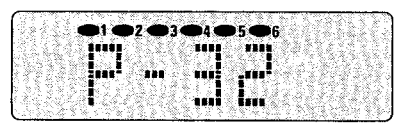
Programming

1. While a disc is playing, select the desired disc and track you want to program. (See page 17)
2. Press button ⑥ to memorize the track being played.

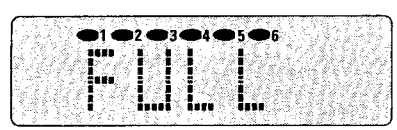


Displays the number of the step being added to the memory.

3. Procedures 1 and 2 above can be repeated until a maximum of 32 steps are programmed.



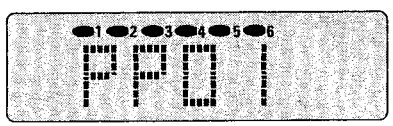
- If the 33rd step is selected, the **"FULL"** display will appear, indicating that no more selections can be programmed.



- ITP memory is also possible during Highlight Scan or Track Scan.
- When there are already a number of selections in the memory, the new selection will be added to the last step.

Playing Back the Program

1. Hold down button ⑥ for 2 seconds to begin play in the programmed sequence, while a disc is playing.



Displays the step number being played.

2. Press button ⑥ again to cancel program play.

- Pressing the (+) or (–) side of button ① during programmed play makes it possible to search for a specific step number from among the programmed selections.
- Program play returns to the first step in the programmed sequence when it reaches the end of the program.

Erasing the Program

It is possible to erase one or all selections of the program in the magazine being played.

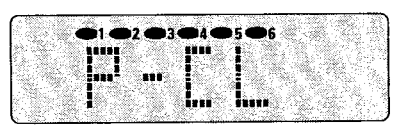
To erase a single selection:

1. Press the (+) or (–) side of button ① during programmed play, and search for the specific step you wish to erase.
2. Press button ⑦ for at least 2 seconds and the selection being played will be erased.

- After the particular track has been erased, the tracks in the next position move from down up one notch in the order from the previous position.

To erase the entire program:

While a disc is playing, hold down button ⑦ for at least 2 seconds. All the programs in the magazine being played will be erased.



Indicates "P-CL"

Care and Maintenance

- Do not use tapes longer than C-90-type (90 min.) cassettes. Longer tapes can interfere with tape transport.
- If the playback head becomes dirty, sound quality will suffer. Periodically (once or twice a month) clean the head with a cotton swab soaked with alcohol. (Fig. 1)
- Storing cassettes in areas directly exposed to sunlight or high temperatures can distort them and subsequently interfere with tape transport. (Fig. 2)
- Store unused tapes in a tape case where there is no danger of them becoming loose or being esposed to dust.
- If the car's battery is disconnected for any reason the preset memory will be erased and must be reprogrammed after reconnection of the battery.

- **After Service**

In the event this unit does not function properly, contact your dealer or the nearest authorized PIONEER Service Center.

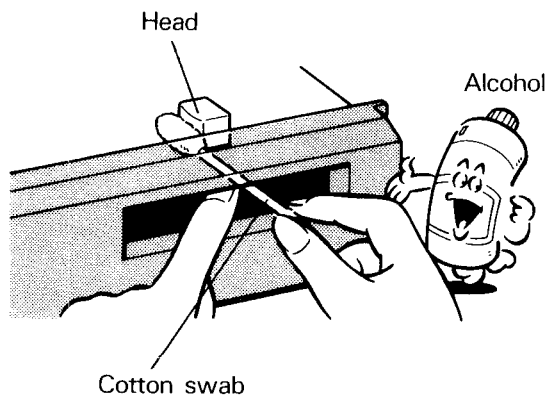


Fig. 1

Fig. 2

Specifications

General

Power source ..... 14.4 V DC (10.8 – 15.6 V allowable)
Grounding system ..... Negative type
Max. current consumption
(KEH-M7300) ..... 7.5 A
(KEH-M6300) ..... 4.5 A
Dimensions (chassis) ..... 180 (W) x 50 (H) x 150 (D) mm
(front face) ..... 188 (W) x 58 (H) x 19 (D) mm
Weight
(KEH-M7300) ..... 1.6 kg
(KEH-M6300) ..... 1.5 kg

Amplifier

Maximum power output
(KEH-M7300) ..... 25 W x 2/15 W x 4 (EIAJ)
(KEH-M6300) ..... 25 W x 2 (EIAJ)
Continuous power output ..... 11 W x 2 (1% dist. at 1 kHz)
Load impedance ..... 4 Ω (4 – 8 Ω allowable)
Preout output level/output impedance
..... 500 mV/1 kΩ
Tone controls (bass) ..... ±10 dB (100 Hz)
(treble) ..... ±10 dB (10 kHz)
Loudness contour ..... +12 dB (100 Hz), +7 dB (10 kHz)
(Volume: –30 dB)

Tape player

Tape ..... Compact cassette tape (C-30 – C-90)
Tape speed ..... 4.8 cm/sec.
Fast forward/rewind time ..... Approx. 100 sec. for C-60
Wow & flutter ..... 0.13 % (WRMS)
Frequency response ..... Metal: 40 – 17,000 Hz (±3 dB)
Stereo separation ..... 45 dB
Signal-to-noise ratio
..... Metal: Dolby B NR IN: 63 dB (IEC-A network)
Dolby NR OUT: 55 dB (IEC-A network)

FM tuner

Frequency range ..... 87.5 – 108 MHz
Usable sensitivity ..... 11 dBf (1.0 µV/75 Ω, mono, S/N: 30 dB)
50 dB quieting sensitivity ..... 16 dBf (1.7 µV/75 Ω, mono)
Signal-to-noise-ratio ..... 70 dB (IEC-A network)
Distortion ..... 0.3 % (at 65 dBf, 1 kHz, stereo)
Frequency response ..... 30 – 15,000 Hz (±3 dB)
Stereo separation ..... 40 dB (at 65 dBf, 1 kHz)

MW tuner

Frequency range ..... 531 – 1,602 kHz
Usable sensitivity ..... 18 µV (25 dB) (S/N: 20 dB)
Selectivity ..... 50 dB (±9 kHz)

LW tuner

Frequency range ..... 153 – 281 kHz
Usable sensitivity ..... 30 µV (30 dB) (S/N: 20 dB)
Selectivity ..... 50 dB (±9 kHz)

Note:

Specifications and the design are subject to possible modification without notice due to improvements.

PIONEER ELECTRONIC CORPORATION
4-1, Meguro 1 chome, Meguro-ku, TOKYO, 153, JAPAN

PIONEER ELECTRONICS (USA) INC.
P.O. Box 1760, Long Beach, California 90801, U.S.A.
TEL: (800) 421-1404

PIONEER ELECTRONIC (EUROPE) N.V.
Keetberglaan 1, 2740 Beveren, Belgium
TEL: 03/750.05.11

PIONEER ELECTRONICS AUSTRALIA PTY. LTD.
178-184 Boundary Road, Braeside, Victoria 3195, Australia
TEL: (03) 580-9911

PIONEER ELECTRONICS OF CANADA, INC.
505 Cochrane Drive Markham, Ontario L3R 6B8, Canada

<91D08E2T01>

Published by the Pioneer Electronic Corporation.
Copyright 1991by Pioneer Electronic Corporation.
All rights reserved.
Publication de Pioneer Electronic corporation.
© 1991 Pioneer Electronic Corporation.
Tous droits de reproduction et de traduction réservés.

Printed in Japan
Imprimé au Japon
<CRD1478-A> EW